

1978

Module on Energy

Follow this and additional works at: <https://scholarworks.uni.edu/istj>



Part of the Science and Mathematics Education Commons

Let us know how access to this document benefits you

Copyright © Copyright 1978 by the Iowa Academy of Science

Recommended Citation

(1978) "Module on Energy," *Iowa Science Teachers Journal*: Vol. 15 : No. 2 , Article 8.

Available at: <https://scholarworks.uni.edu/istj/vol15/iss2/8>

This Article is brought to you for free and open access by the Iowa Academy of Science at UNI ScholarWorks. It has been accepted for inclusion in Iowa Science Teachers Journal by an authorized editor of UNI ScholarWorks. For more information, please contact scholarworks@uni.edu.

Rock and Mineral Shows. Check the calendar of events for area lapidary societies to locate forthcoming exhibits. Plugging into a local adult lapidary group will provide a wide range of interesting events and expertise.

Many of these and other club activities may be found in the Midwest Federation of Mineralogical and Geological Societies' *Juniors Activities* (1). In addition, the Federation is a tremendous resource for films and slides (4).

Summary

Rock and mineral clubs provide an excellent opportunity for young people to develop a life-long interest in geology as a hobby or profession. This article has outlined the basic steps in initiating rock and mineral clubs and sustaining the interest of their membership. To pursue more fully its interest and goals, the club membership will have to learn a number of basic geological and lapidary skills. Part II will deal with the skills to be taught and the sources of equipment to teach them.

References

1. Dare, Diane, Director of Junior Activities, Midwest Federation of Mineralogical and Geological Societies, 747 East Blackford, Evansville, IN 47713.
2. Heckert, C., Director of Supplies, Midwest Federation of Mineralogical and Geological Societies, 725 Steward Avenue, Elgin, IL 60120.
3. Rose, J. N., 1967 *The Fossils and Rocks of Eastern Iowa. Educational Series I.* Iowa Geological Survey, Iowa City, IA 50242.
4. Stinnett, E. C., Midwest Federation of Mineralogical and Geological Societies, 29462 Aspen Drive, Flat Rock, MI 48134.
5. Ward's Natural Science Establishment, Inc., P.O. Box 1712, Rochester, NY 14603.

* * *

Module on Energy

Energy and Society: Investigations in Decision Making is a nine-week instructional unit designed for high school, college, or adult students, which was developed by the Biological Sciences Curriculum Study. The activities of the module provide opportunities for students to acquire accurate information about energy, to identify and analyze their own attitudes and those of others, and to consider questions and concerns about energy-related issues.

During the course of the unit, students discuss basic information about energy, explore some possible consequences of energy decisions, and select an energy-related research problem that they then investigate. Seven categories of factors affecting energy decisions are considered: politics, economics, technology, attitudes, health and safety, environmental impact, and physical laws. Through consideration of empirical data and through examination of personal and community values, students attempt to arrive at an energy "recommendation" for their community. The issue is finally carried one step further, to the consideration of national and world energy futures.

For further information write to Biological Sciences Curriculum Study, P.O. Box 930, Boulder, Colorado 80306.